

MID TERM REPORT

To: Dwayne Cross, PHMSA
Karen Lynch, PHMSA

From: Earl J. Melancon Jr., Ph.D.

Re: U.S. DOT, PHMSA Technical Assistance Grant (TAG) -2018
Entity: Barataria-Terrebonne Estuary Foundation
Grant Agreement #693JK31742003

Mid-term Report for Grant #693JK31742003

Objective:

This grant's goal is to reduce the risk associated with marine pipeline related incidents that will help protect the environment, safety of mariners, and sustain secure energy infrastructure for generations to come. The scope of the project is to contact as many commercial, recreational and industry mariners as possible to enable awareness and knowledge of pipeline infrastructure types within the estuary and common sense best practice safety when near them. The accomplishment of this process will be through objectives that target high profile recreational, commercial and industry meetings and by oral presentations, development of reading materials, and development of a 30-second Public Safety Announcements (PSAs) for distribution.

Agenda:

Comprehensive stakeholder identification encompassing targeted relatable messaging and effective outreach methods promoting ownership are the keys to success. Primary stakeholder need-to-know basics about marine pipeline safety and spill prevention that will be addressed through this proposed program:

- How to identify a pipeline,
- How to navigate and fish safety around pipeline structures,
- Project planning, How Call before you dig best practices apply in marine environments,
- How to identify a leak, and Marine safety measures if a leak occurs, and
- Who to call in an emergency.

Duties:

The Coastal and Marine Pipeline Spill Prevention and Public Awareness Program will include the following elements:

- Development and distribution pipeline safety awareness guidelines and materials targeted to the public and maritime community.
- Producing and distributing a marine pipeline safety information through development of a Public Service Announcements (PSA) through various public media. (Radio, TV, Newspaper)
- A mass mail out of a marine pipeline safety brochure developed by the proposal to estuary and coastal stakeholders, estimated at 10,000 recipients.
- Attend and present marine pipeline awareness at targeted venues, and specific outreach to fisheries organizations.
- Host a community marine pipeline safety liaison meeting that will include stakeholders from US Coast Guard, Estuary Users and Representatives, PHMSA, public officials and CAMO pipeline companies.
- Host scoping and gap assessment meetings with marine stakeholders to identify challenges and mitigations of marine pipeline safety and incorporate in awareness material (brochure). (in-kind) -CAMO

| Grant Topic | Objectives | Accomplishments | Costs |
|---|---|--|---------|
| Face to Face Outreach and Education | Marine and Environmental Pipeline Safety stakeholder outreach meeting | <ul style="list-style-type: none"> Nearly 250 public stakeholders attended this workshop on pipeline safety Presentations by CAMO, One Call, Estuary Foundation and SME's <p><u>Status:</u> Completed Oct 11, 2017</p> | \$1,000 |
| Face to Face Outreach and Education | Unusually Sensitive Areas pipeline presentation to stakeholders by CAMO | <ul style="list-style-type: none"> November 16, 2017 at PHMSA in DC Presentation and Q/A provided specific information to a variety of stakeholder organizations and group on initiatives in costal and marine pipeline safety Additionally provided specific examples of pipeline safety issues within the Barataria Terrebonne National Estuary <p><u>Status:</u> Competed Nov 16, 2017</p> | \$1,000 |
| Face to Face Outreach and Education | CPRA, BSEE and CAMO meeting on Coastal Restoration Projects and pipeline safety | <ul style="list-style-type: none"> Met with CPRA staff and project engineers. Discussed projects in the Coastal Zone and BTNEP region which have pipelines and reviewed measures on how to avoid damage and prevent spills. <p><u>Status:</u> complete Nov 30, 2016</p> | \$500 |
| Face to Face, Conference Exhibit Outreach and Education | BTEF and CAMO exhibited at the Sea Grant - Commercial Fisheries Forward Summit in New Orleans | <ul style="list-style-type: none"> over 500 fishermen and marine stakeholders attended and learned about marine and coastal pipeline safety <p><u>Status:</u> Complete March 6, 2018</p> | \$5,000 |

| | | | |
|---|---|--|---------|
| Design and Produce outreach material | Design a custom Radio and Television PSA for marine pipeline safety print Ads | <ul style="list-style-type: none"> Specifications: Design, produce and Layout - 2 print ads (1 vertical and 1 horizontal), 1 Radio PSA and 1 TV/ video PSA that correspond with the same messaging - on marine and coastal pipeline safety targeted to recreational fishermen and boaters; PSA's are 30 seconds in length and will be formatted for use. <p><u>Status:</u> Underway Target Completion July 31</p> | \$4,925 |
| Face to Face, Conference Exhibit Outreach and Education | Louisiana Damage Prevention Summit pipeline safety outreach exhibit | <ul style="list-style-type: none"> Baton Rouge March 20 - 22 over 200 excavators and stakeholders attended CAMO through BTNEF grant participated with exhibit and provided marine and coastal pipeline safety material to attendees <u>Status:</u> Complete March 22, 2018 | \$1,000 |
| Partnership to leverage outreach | Partner with BTNEP education outreach program to support incorporating Pipeline safety | <ul style="list-style-type: none"> Provide BTNEP education outreach program to support incorporating Pipeline safety in its programs. (This needs to be vetted by BTNEP, content to be provided by CAMO) <p><u>Status:</u> Funds to be dispersed Aug 2018. Activity underway and will continue thru 2019</p> | \$2,000 |
| Partnership to leverage outreach | Costal Conservation Assn of La. to partner with their fishing outreach program incorporating Marine Pipeline Safety | <ul style="list-style-type: none"> Tag Grant MOU proposal: Fishermen and Boaters pipeline safety outreach partnership. CCA Coastal Conservation Assn of La. has partnered with BTNEP and | \$5,000 |

| | | | |
|------------------------|---|--|----------|
| | | <p>CAMO to supplement CCA's public outreach program.</p> <ul style="list-style-type: none"> CCA is eager to help support safe fishing and boating around oil and gas infrastructure. CCA will incorporate costal pipeline safety materials, messaging and slides into CCAs existing outreach program. BTNEP and CAMO will design the targeted educational materials and train CCA on the topic. This program is ongoing. CCA has a network of schools and groups established and others who request their engagement on recreational fishing, tagging and costal education programs. These face to face educational venues is estimated to reach 10,000 stakeholders. Additionally, this funding partnership will allow for coastal and marine pipeline safety messages to be included in CCA publications and events. Which is estimated to reach another 25,000 members. <p><u>Status:</u> Funds to be dispersed Aug 2018. Activity underway and will continue thru 2019</p> | |
| Outreach and Education | Pipeline Safety and Spill Prevention Proposal to reach affected marine stakeholders through mass mail and email | This project focuses on public pipeline awareness especially targeting fishermen and boaters and promotes education on safe fishing and boating around pipeline oil and gas infrastructure. The proposed project involves ACTS designing, printing, forming | \$10,000 |

| | | | |
|------------------------|--|---|----------|
| | | <p>mail lists of stakeholders and mailing out an approved brochure to targeted audiences of affected marine stakeholders estimated audience of 5,000. ACTS will also produce an electronic version that will be applied to the CAMO website and any others for public information. Additionally this version will be email ready for those campaigns. This project can be easily completed within the grant timeline.</p> <p><u>Status:</u> Funds to be dispersed Aug 2018. Activity will complete by Sept 30, 2018</p> | |
| Outreach and Education | Host 2018 Marine and Environmental Pipeline Safety stakeholder outreach workshop | <ul style="list-style-type: none"> • Face to Face lunch workshop with Recreational, Industry and Commercial Fisheries stakeholders. • Learn pipeline safety, spill prevention and emergency response best practices and give feedback on what is needed from the pipeline industry to better collaborate. • Presentations by CAMO, One Call, Estuary Foundation and SME's • Venue for 200 stakeholders and 20 exhibits <p><u>Status:</u> Funds to be dispersed Sept 2018. Activity planned for Oct 2018</p> | \$10,000 |
| | | | |

| | | | |
|---|---|---|----------|
| Design and Produce outreach material | <ul style="list-style-type: none"> Run PSA's designed from this grant on Television, Radio and Newspaper | <ul style="list-style-type: none"> Buy ad spots for PSAs in various media and outreach venues across South Louisiana Web based outreach can also be used Work directly with media outlets and leverage PSAs <p><u>Status:</u> Funds to be dispersed Sept 2018. Activity underway and will continue thru 2019</p> | \$40,000 |
| Face to Face, Conference Exhibit Outreach and Education | <ul style="list-style-type: none"> Target participation in specific Outreach Venues, conferences, exhibits and face to face meetings | <ul style="list-style-type: none"> Seek appropriate and relevant stakeholder outreach venues to rely or present marine pipeline safety, prevention and emergency response messages Target 7 venues <p><u>Status:</u> Funds to be dispersed Aug 2018. Activity underway and will continue thru 2019</p> | \$9,575 |
| BTEF | Indirect Costs | <u>Status:</u> Administration of grant | \$10,000 |